



Federal Communications Commission

Approved by OMB
3060-0999
See instructions for
public burden
estimate.

Hearing Aid Compatibility Status Report (FCC Form 655)

Reporting Period: July 1, 2017 – June 30, 2018

Filing Confirmation Number: 0008282951

Filing Deadline: July 16, 2018

FRN: 0003762242

Filing Date: 07/13/2018 09:51 AM

General Report Information

Type of Company

Device Manufacturer

De Minimis Exception

Have you been offering handsets in the United States for at least three years prior to the end of the reporting period? Yes

Date that you began offering handsets in the United States

Are you a small entity? No

Were you a small entity at any time during the three years prior to the end of the reporting period?
No

Date that you ceased to be a small entity?

Company Information

Company Name: Panasonic Corporation of North America

Brand Names: Panasonic

PO Box:

Street Address: Two Riverfront Plaza – 9th

City: Newark

State: NJ

Zip Code: 07102

Contact Name: Ben Botros

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Filing Agent

Is this report being filed by an agent on behalf of a manufacturer or service provider? No

Product Labeling

Do all hearing aid-compatible handsets include labeling? Yes

Explain:

Do all hearing aid-compatible handsets that were tested under ANSI C63.19-2007, and that are

capable of voice communication over any air interface or frequency band that does not have hearing aid compatibility technical standards under ANSI C63.19–2007, include the required language disclosing that the handset has not been rated for hearing aid compatibility with respect to such operation?

N/A

Explain:

Do all hearing aid-compatible handsets that were certified only under ANSI C63.19–2007, but that the manufacturer also tested and found not to meet hearing aid compatibility requirements under ANSI C63.19–2011 for one or more operations that are not covered under ANSI C63.19–2007, include language informing users by clear and effective means that the handset does not meet the relevant rating or ratings with respect to such operation(s)?

N/A

Explain:

Do all handsets that are capable of use for Voice over LTE or Wi-Fi Calling, and that were certified for inductive coupling capability under ANSI C63.19–2011 without being tested for inductive coupling capability over Voice over LTE or Wi-Fi Calling, include language disclosing that they were not tested with respect to this operation?

Yes

Explain:

Do all handsets that meet the criteria for an M3 rating by allowing the user to reduce the maximum power for GSM operation in the 1900 MHz band include the required disclosure?

Explain:

Public Website

Does your company maintain a public website describing all hearing aid-compatible models, the ratings of those models, and an explanation of the rating system? Service provider websites must include the levels of functionality that the service provider has defined, the level that each hearing aid-compatible model falls under, and an explanation of how the functionality of the handsets varies at the different levels. Yes

Website address: <http://us.panasonic.com/business-mobile-hac>

Explain:

Consumer Outreach

Describe consumer outreach efforts in the past 12 months: 1. Participated in CTIA Accessibility Outreach Initiative meetings, including the FCC HAC Task Force, RTT, and improved accessible 911 emergency access.

2. Exhibited at the Telecommunications Equipment Distribution Program Association (TEDPA) Conference to promote the adoption of TIA accessibility standards by TEDPA.

3. Participated in CTA accessibility roundtable meetings at CES to discuss accessibility feedback.

4. Exhibited at the Hearing Loss Association of America (HLAA) Convention in Salt Lake City and in Minneapolis to get HLAA member feedback.

Hearing Aid Testing

How many handset models were tested for hearing aid compatibility during the reporting period? 2

Report Remarks

You have reported the following handset model summary information.

Total number of handsets offered: 6

Air Interface	Fully Hearing Aid Compatible		Acoustic Coupling Compatible Only		Non-Compliant Handsets		Total by Air Interface
	Number	Percent	Number	Percent	Number	Percent	
GSM	6	100%					6
CDMA	6	100%					6
WCDMA	6	100%					6
LTE	6	100%					6
Wi-Fi	6	100%					6

Handset 1: Panasonic FZ-E1BBxxxxx (x:any)

Handset Maker

Panasonic

Handset Model Name

FCC ID

FZ-E1BBxxxxx (x:any)

ACJFZE1A

Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
850 MHz CDMA
850 MHz WCDMA
900 MHz GSM
900 MHz WCDMA
1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA
2100 MHz WCDMA
2.4 GHz Wi-Fi
5.0 GHz Wi-Fi

Dates

This handset model was offered from: 07/17 to 06/18

Ratings

M-Rating: M3

M-Rating Certification Date: 10/27/14

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Version of the ANSI C63.19 standard used during the certification process: 2011

T-Rating: T4

T-Rating Certification Date: 10/27/14

Version of the ANSI C63.19 standard used during the certification process: 2011

Remarks

1. FZ-E1 Series is a Business Rugged 5-inch tablet and is not intended to be marketed as a consumer product
2. FZ-E1 Series: At time of introduction, additional Voluntary testing for OTT-VOIP (Wi-Fi) HAC testing was performed per ANSI C63.19-2011

Handset 2: Panasonic FZ-E1DBxxxxx (x:any)

Handset Maker

Panasonic

Handset Model Name

FCC ID

FZ-E1DBxxxxx (x:any)

ACJFZE1A

Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
850 MHz CDMA
850 MHz WCDMA
900 MHz GSM
900 MHz WCDMA
1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA
2100 MHz WCDMA
2.4 GHz Wi-Fi
5.0 GHz Wi-Fi

Dates

This handset model was offered from: 07/17 to 06/18

Ratings

M-Rating: M3

M-Rating Certification Date: 10/27/14

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Version of the ANSI C63.19 standard used during the certification process: 2011

T-Rating: T4

T-Rating Certification Date: 10/27/14

Version of the ANSI C63.19 standard used during the certification process: 2011

Remarks

OSV (Windows 10 IoT Mobile Enterprise)

Handset 3: Panasonic FZ-N1ABxxxxx (x:any)

Handset Maker

Panasonic

Handset Model Name FCC ID

FZ-N1ABxxxxx (x:any) ACJFZN1B

Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
850 MHz CDMA
850 MHz WCDMA
850 MHz LTE
900 MHz GSM
900 MHz WCDMA
1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA
1900 MHz LTE
2100 MHz WCDMA
2.4 GHz Wi-Fi
5.0 GHz Wi-Fi

Dates

This handset model was offered from: 07/17 to 06/18

Ratings

M-Rating: M3

M-Rating Certification Date: 05/17/16

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Version of the ANSI C63.19 standard used during the certification process: 2011

T-Rating: T3

T-Rating Certification Date: 05/17/16

Version of the ANSI C63.19 standard used during the certification process: 2011

Remarks

FZ-N1 series is not intended to be marketed as a consumer product.

FZ-N1 Series: At time of introduction, additional voluntary testing for OTT-VOIP (Wi-Fi) HAC testing was performed per ANSI C63.19-2011

Handset 4: Panasonic FZ-N1CBxxxxx (x:any)

Handset Maker

Panasonic

Handset Model Name

FCC ID

FZ-N1CBxxxxx (x:any)

ACJFZN1B

Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
850 MHz CDMA
850 MHz WCDMA
850 MHz LTE
900 MHz GSM
900 MHz CDMA
1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA
1900 MHz LTE
2100 MHz WCDMA
2.4 GHz Wi-Fi
5.0 GHz Wi-Fi

Dates

This handset model was offered from: 09/17 to 06/18

Ratings

M-Rating: M3

M-Rating Certification Date: 05/17/16

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Version of the ANSI C63.19 standard used during the certification process: 2011

T-Rating: T3

T-Rating Certification Date: 05/17/16

Version of the ANSI C63.19 standard used during the certification process: 2011

Remarks

OSV (Android 6.0)

Handset 5: Panasonic FZ-X1ABxxxxx (x:any)

Handset Maker

Panasonic

Handset Model Name

FCC ID

FZ-X1ABxxxxx (x:any)

ACJEB3910A

Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
850 MHz CDMA
850 MHz WCDMA
900 MHz GSM
900 MHz WCDMA
1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA
2100 MHz WCDMA
2.4 GHz Wi-Fi
5.0 GHz Wi-Fi

Dates

This handset model was offered from: 07/17 to 06/18

Ratings

M-Rating: M3

M-Rating Certification Date: 03/06/15

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Version of the ANSI C63.19 standard used during the certification process: 2011

T-Rating: T3

T-Rating Certification Date: 03/06/15

Version of the ANSI C63.19 standard used during the certification process: 2011

Remarks

1. FZ-X1 Series is a Business Rugged 5-inch tablet and is not intended to be marketed as a consumer product.
2. FZ-X1 Series: At time of introduction, additional voluntary testing for OTT-VOIP (Wi-Fi & Cellular data modes) HAC testing was performed per ANSI C63.19-2011

Handset 6: Panasonic FZ-X1CBxxxxx (x:any)

Handset Maker

Panasonic

Handset Model Name

FCC ID

FZ-X1CBxxxxx (x:any)

ACJEB3910A

Air Interfaces/Frequency Bands

700 MHz LTE
850 MHz GSM
850 MHz CDMA
850 MHz WCDMA
900 MHz GSM
900 MHz WCDMA
1700 MHz LTE
1800 MHz GSM
1900 MHz GSM
1900 MHz CDMA
1900 MHz WCDMA
2100 MHz WCDMA
2.4 GHz Wi-Fi
5.0 GHz Wi-Fi

Dates

This handset model was offered from: 07/17 to 06/18

Ratings

M-Rating: M3

M-Rating Certification Date: 03/06/15

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by

enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

Version of the ANSI C63.19 standard used during the certification process: 2011

T-Rating: T3

T-Rating Certification Date: 03/06/15

Version of the ANSI C63.19 standard used during the certification process: 2011

Remarks

This FZ-X1CB series is not intended to be marketed as a consumer product.

OSV (Android 5.1.1)

Certification

This Report has been certified by:

Ben Botros Regulatory Manager
07/13/2018 09:51 AM